



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/165,546C

DATE: 08/28/2003
TIME: 09:59:47

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08282003\I165546C.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:
 C--> 2 (i) APPLICANT: Knuth, Alexander; Jager, Elke; Chen, Yao,
 3 Canlan, Matt; Gure, Ali, Old, Lloyd, Ritter, Gerd
 4 (ii) TITLE OF INVENTION: ISOLATED PEPTIDES CORRESPONDING TO
 5 AMINO ACID SEQUENCES OF NY-ESO-1, WHICH BIND TO
 6 MHC CLASS I AND MHC CLASS II MOLECULES, AND
 7 USES THEREOF
 8
 9 (iii) NUMBER OF SEQUENCES: 15
 10 (iv) CORRESPONDENCE ADDRESS:
 11 (A) ADDRESSEE: FULBRIGHT & JAWORSKI LLP
 12 (B) STREET: 666 Fifth Avenue
 13 (C) CITY: New York City
 14 (D) STATE: New York
 15 (E) COUNTRY: USA
 16 (F) ZIP: 10158
 17
 18 (v) COMPUTER READABLE FORM:
 19 (A) MEDIUM TYPE: Diskette, 3.5 inch, 144 kb storage
 20 (B) COMPUTER: IBM
 21 (C) OPERATING SYSTEM: PC-DOS
 22 (D) SOFTWARE: WordPerfect
 23
 24 (vi) CURRENT APPLICATION DATA:
 25 (A) APPLICATION NUMBER: US/09/165,546C
 26 (B) FILING DATE: 10-Feb-1998
 27 (C) CLASSIFICATION: 530
 28
 29 (vii) PRIOR APPLICATION DATA:
 30 (A) APPLICATION NUMBER: 08/937,263
 31 (B) FILING DATE: April 17, 1998
 32 (A) APPLICATION NUMBER: 08/937,263
 33 (B) FILING DATE: September 15, 1997
 34 (A) APPLICATION NUMBER: US 08/752,182
 35 (B) FILING DATE: 03-October-1996
 36
 37 (viii) ATTORNEY/AGENT INFORMATION:
 38 (A) NAME: Hanson, Norman D.
 39 (B) REGISTRATION NUMBER: 30,946
 40 (C) REFERENCE/DOCKET NUMBER: LUD 5466.3
 41
 42 (ix) TELECOMMUNICATION INFORMATION:
 43 (A) TELEPHONE: (212) 688-9200
 44 (B) TELEFAX: (212) 838-3884

PP 1-3

Does not comply
Corrected if needed

already
shown below
with correct filing dat

ERRORED SEQUENCES

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/165,546C

DATE: 08/28/2003

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Input Set : A:\pto.da.txt

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130 (2) INFORMATION FOR SEQ ID NO: 3:

131 (i) SEQUENCE CHARACTERISTICS:

132 (A) LENGTH: 32 base pairs

133 (B) TYPE: nuclear acid nucleic acid This is a global Error

134 (C) STRANDEDNESS: single

135 (D) TOPOLOGY: linear

136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

138 CACACAAAGC TTGGCTTAGC GCCTCTGCC TG 32

274 (2) INFORMATION FOR SEQ ID NO: 15:

275 (i) SEQUENCE CHARACTERISTICS:

276 (A) LENGTH: 180 amino acids

277 (B) TYPE: amino acid

278 (D) TOPOLOGY: linear

279 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15

281 Met Gln Ala Glu Gly Arg Gly Thr Gly Gly Ser Thr Gly Asp Ala 15 < misaligned nos.

282 5 10 Asp Gly Pro Gly Gly Pro Gly Ile Pro Asp Gly Pro Gly Gly Asn

283 20 25 30

284 285 Ala Gly Gly Pro Gly Glu Ala Gly Ala Thr Gly Gly Arg Aly Pro invalid do not use TAB codes between number

286 35 40

287 Arg Gly Ala Gly Ala Ala Arg Ala Ser Gly Pro Gly Gly Ala 55 60

288 50 55

289 Pro Arg Gly Pro His Gly Gly Ala Ala Ser Gly Leu Asn Gly Cys 70 75

290 65 70

291 Cys Arg Cys Gly Ala Arg Gly Pro Glu Ser Arg Leu Leu Glu Phe 85 90

292 80 85

293 Tyr Leu Ala Met Pro Phe Ala Thr Pro Met Glu Ala Glu Leu Ala 100 105

294 95 100

295 Arg Arg Ser Leu Ala Gln Asp Ala Pro Pro Leu Pro Val Pro Gly 110 115 120

296 Val Leu Leu Lys Glu Phe Thr Val Ser Gly Asn Ile Leu Thr Ile 130 135

297 125

298 Arg Leu Thr Ala Ala Asp His Arg Gln Leu Gln Leu Ser Ile Ser 140 145 150

300 155 160

301 Ser Cys Leu Gln Gln Leu Ser Leu Leu Met Trp Ile Thr Gln Cys 165

302 Phe Leu Pro Val Phe Leu Ala Gln Pro Pro Ser Gly Gln Arg Arg 170 175 180

303 180

304 180

306 25303395_1.DOC -1-

VERIFICATION SUMMARY

DATE: 08/28/2003

PATENT APPLICATION: US/09/165,546C

TIME: 09:59:48

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08282003\I165546C.faw

L:2 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:66 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:70 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:73 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:74 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:78 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:82 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:86 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:90 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:94 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:98 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:102 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:106 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:110 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:132 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=3
L:188 M:220 C: Keyword misspelled or invalid format, [(i) SEQUENCE CHARACTERISTICS:]
L:282 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15
L:285 M:330 E: (2) Invalid Amino Acid Designator, 1